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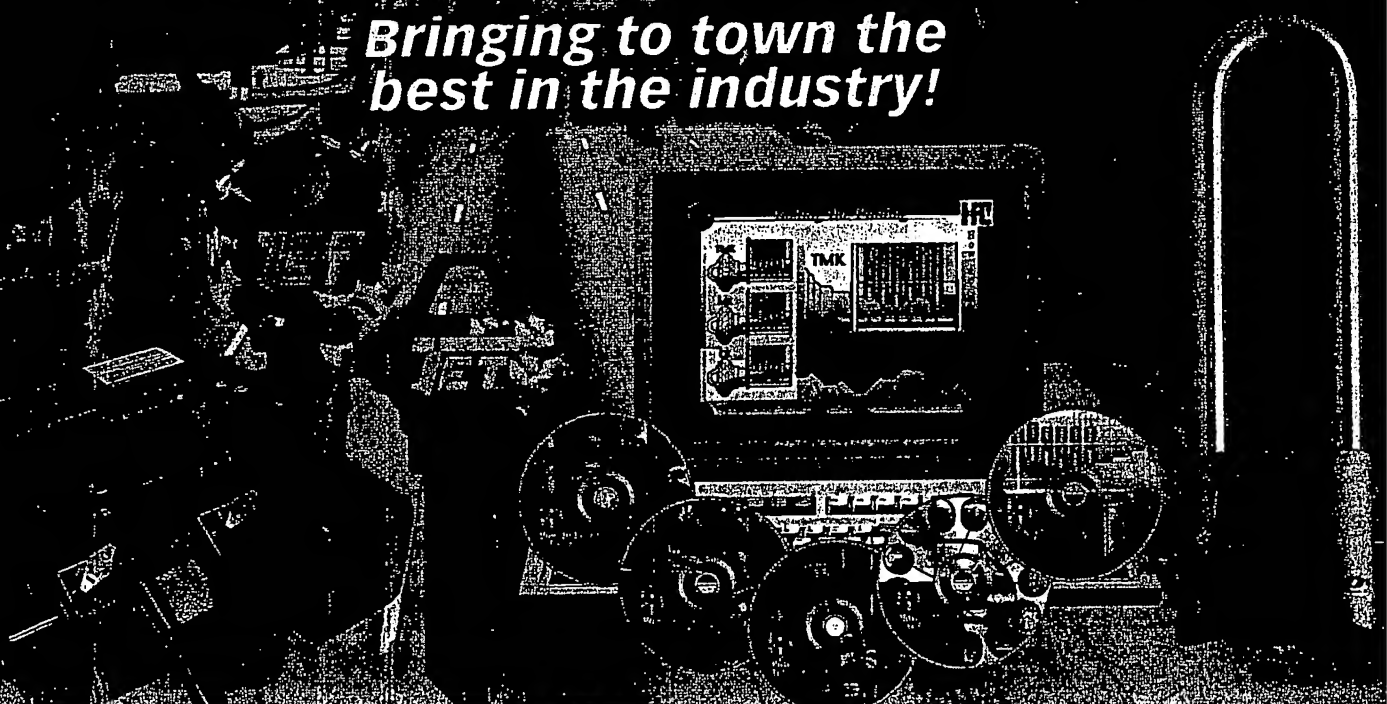


Exhibit 10/757945

THE NIBBLER AND MULTI-PURPOSE BITS

Exhibit 1
10/757945

by Richard Allen Dickey

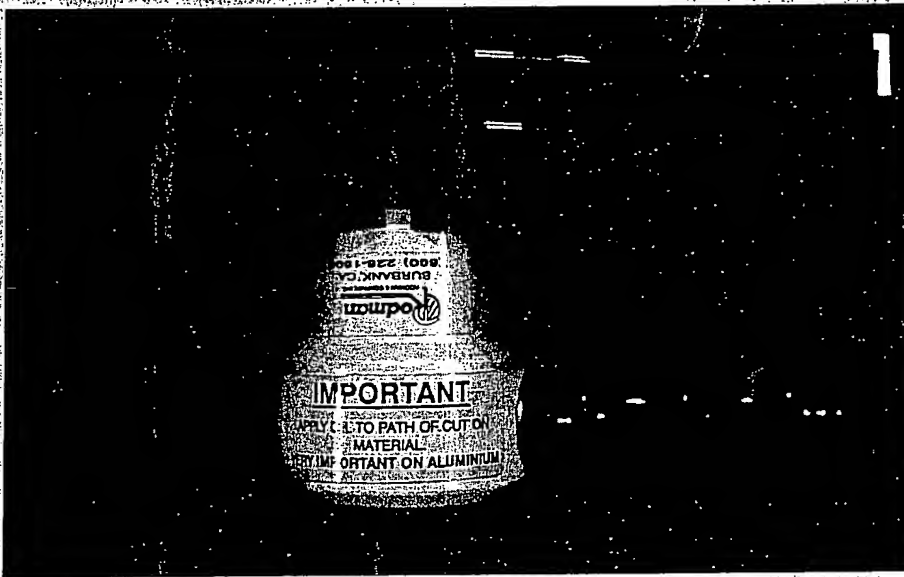
I am always interested in a new tool, even if I already have something that does the same job. Every one has a collection of drill bits in the shop and another set in the service truck. I also bet that you would be hard pressed to find someone in our field that doesn't have a nice selection of files and

other cutting tools. So what I am about to show you may not be a necessary addition to your collection, but I will guarantee that it will make the job go a lot smoother and a whole lot faster.

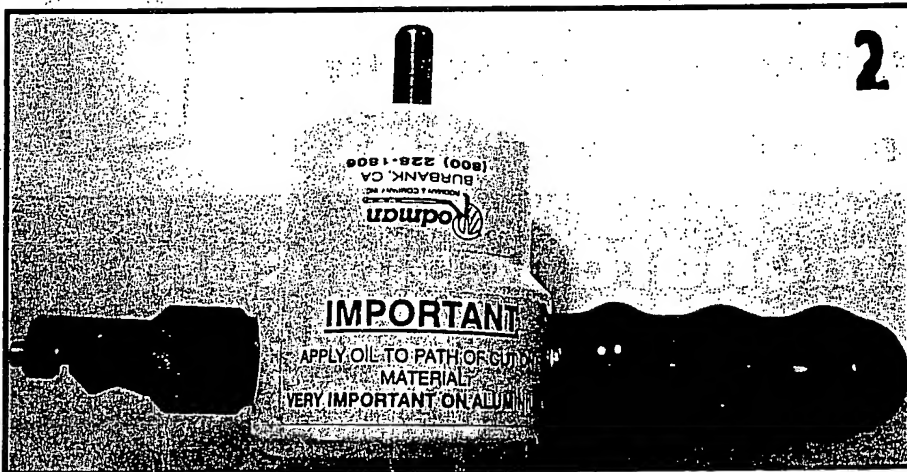
The two products I am talking about are the Rodman Nibbler and the Rodman Multi-Purpose Drill Bit set.

The Rodman Nibbler is the most exciting tool I have seen in a while. I stood at the demonstration booth in Las Vegas for about 15 minutes. All kinds of ideas ran through my mind as I watched the demonstration. I just had to try one of these out for myself. The Rodman Nibbler comes in a nice metal case. The tool is packed in soft foam and includes two extra cutters and an Allen wrench needed to replace them. (See photograph 1.) Inside the cover is a complete list of instructions and the limitations of the tool.

The tool itself is powered by any drill that can provide between 1500 and 3000 rpm, in most cases, the faster the better. (See photograph 2.) In the right side of the photograph is the handle. It is used when the tool is not mounted



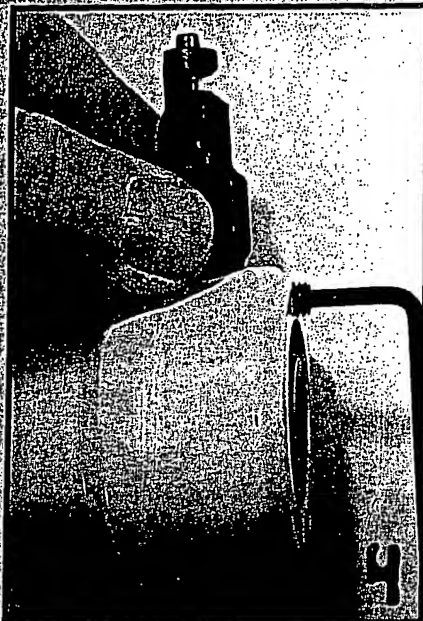
The Rodman Nibbler in its metal box.



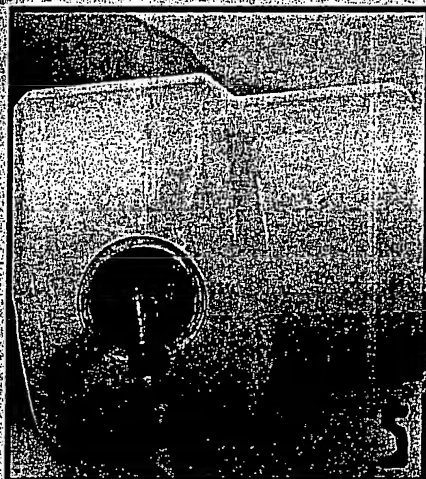
A side view of the Nibbler.



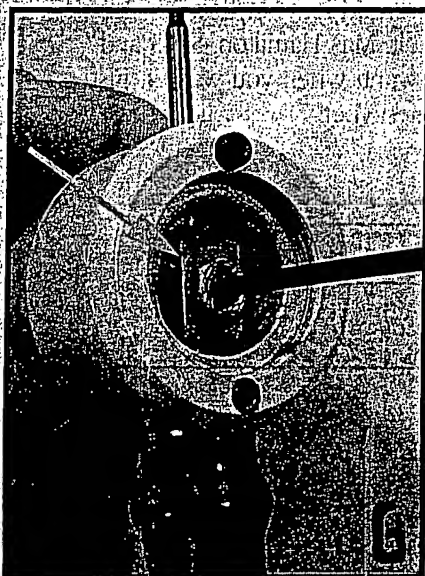
The cutting path of the Nibbler is 4mm wide.



To rotate or remove the die, only one setscrew needs to be loosened.



With the die removed, the punch is visible.



Punch removal is very simple.

to a table. On the left side of the photograph is the die. The die has a punch that moves up and down inside. Let's take a closer look at the punch and die. (See photograph 3.)

The arrow is pointing to the cutting surface. The cut is 4mm in width. The cutting head can be turned 360° to allow the tool to cut in a forward motion, backward motion or a sideways motion. You are even able to cut a 1/2" radius. Below the arrow is a round hole. This is where the freshly cut pieces fall out of the tool.

To remove or rotate the die, you first have to loosen a setscrew. The setscrew is a typical Allen head (see photograph 4.) With the screw loosened, the die can be turned or removed. I removed this one to get a look at the punch. Photograph 5, shows the punch sticking out of the tool housing. This is also the first step in replacing the punch.

The punch can be replaced if it is worn. I asked Ted Baum, a company representative, how long a punch would last under normal use. He said that I could expect to get about six to eight hundred feet of cutting before the punch had to be replaced. He did mention that in order to get the full use out of the punch, you would have to use the tool in all four cutting positions.

When the die is turned to allow the Nibbler to cut in a different direction, the punch does not turn.

So the result is that you have a fresh surface on the punch every time you turn the die 90°. If you are able to use it in all four positions, you will get four times the life out of the punch.

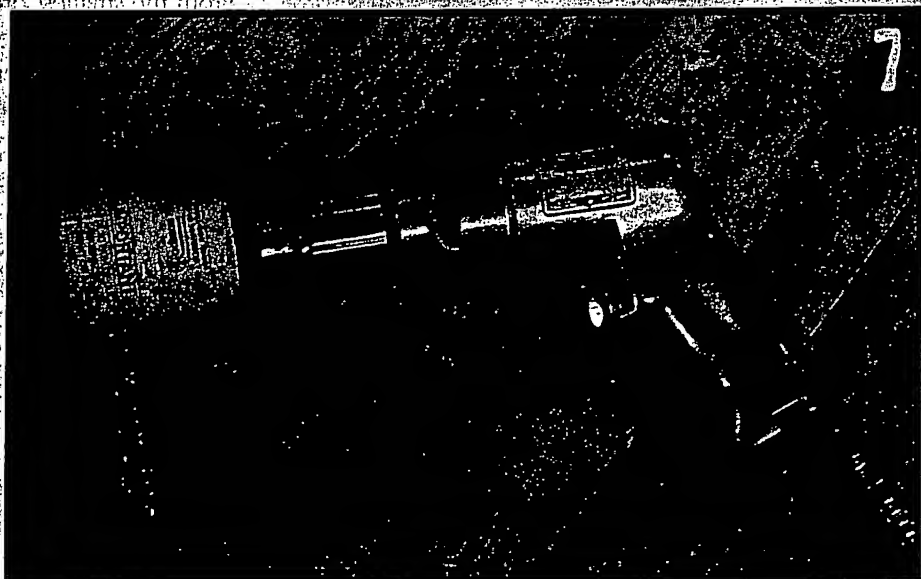
On the front of the tool is a cover. A small clip is all that holds the cover in place. After removing the cover you can see what holds the punch in place. There is a setscrew and a lock nut. (See photograph 6.) Loosen the lock nut and then loosen the setscrew. The punch will slide out of the tool.

Replacing the punch is very simple. Don't just tighten the setscrew without loosening the lock nut first. If you do, the setscrew will probably not be tightened properly. The result could be the punch not moving up and down properly.

Now it is time to play a little.

I thought it would be fun to put the Nibbler through the paces, so I got a large piece of mild steel in the 16-gauge variety. This is the thickest mild steel that is recommended with the Nibbler. In case you are curious, 16 gauge is .0625 thick.

I used an air powered drill with a maximum of 2800 rpm to turn the nibbler. (See photograph 7.) This is between the 1500 to 3000 rpm range suggested by Rodman. I made sure that the nibbler was moving at full speed before I let it come into contact with the steel.



The Nibbler should be used at between 1500 and 3000 rpm. An air drill is an excellent choice but an electric drill will work just fine.

The nibbler can be used in any position, so I used it with the handle up so you could see it better.

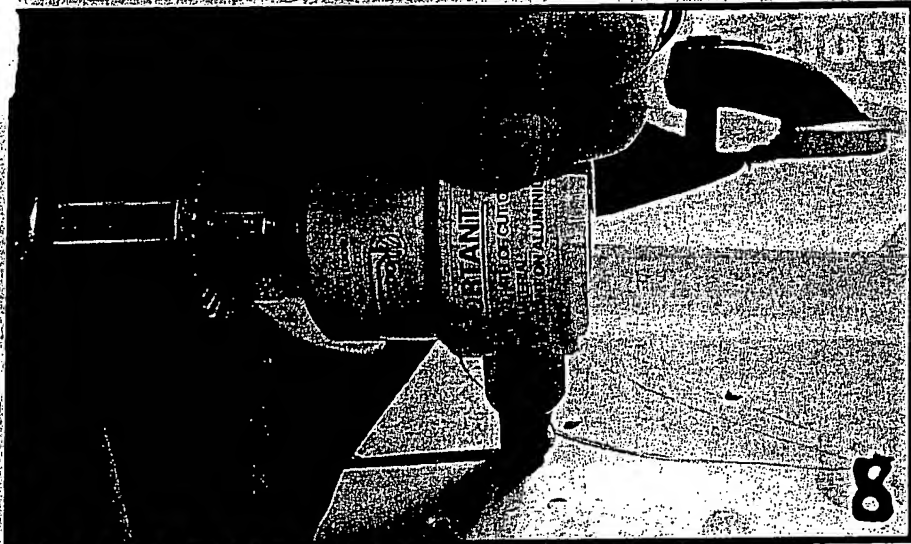
On the first plunge the nibbler cut about three inches and didn't want to go any further! (See photograph 8.) I had to scratch my head before I remembered that I

forgot to spray a little oil on the surface of the metal.

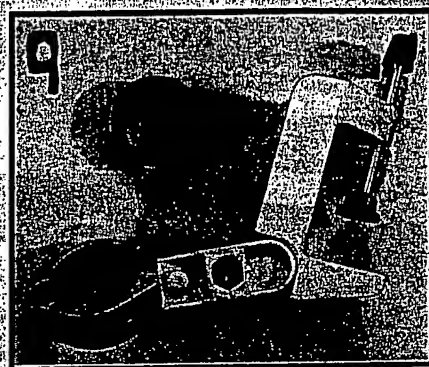
With a quick spray of WD-40, I was cutting like there was no tomorrow.

The cut made by the nibbler was fast and smooth. It is easy to change the direction of the cut

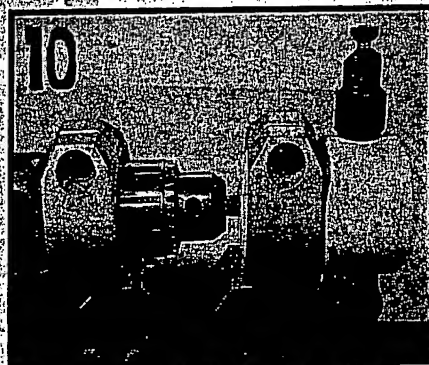
CUTTING



The Nibbler will work in any position. In this case it is seen with the handle up.



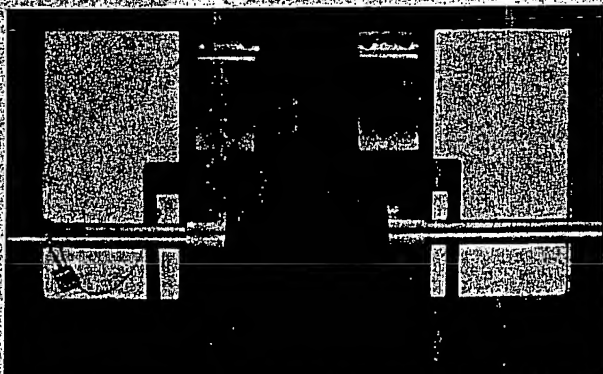
A multi position bench clamp used to hold the Nibbler or drill to a bench.



Two bench clamps used to hold the Nibbler and the drill.

Continued on page 110

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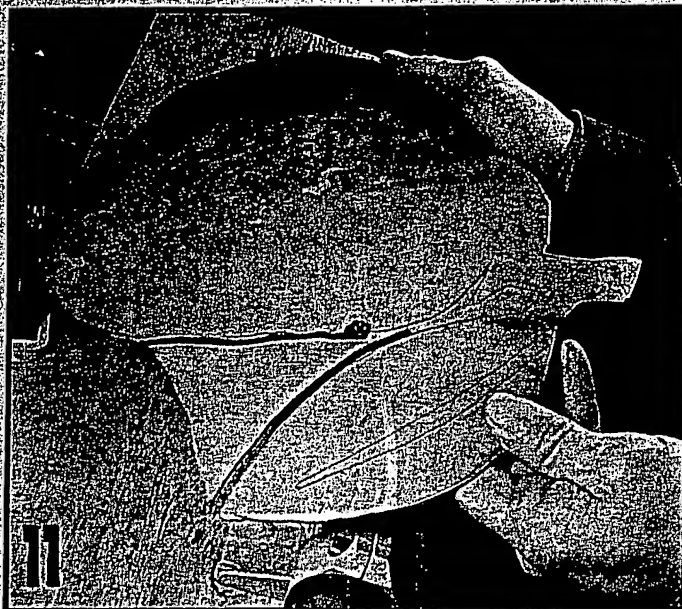
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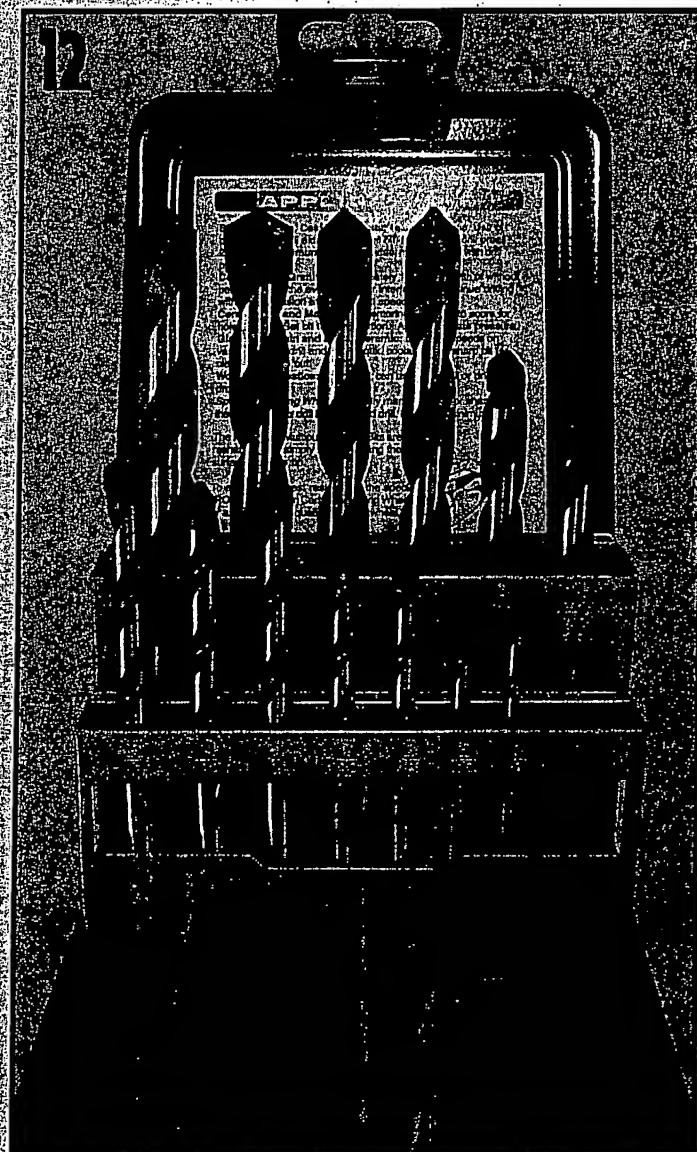
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Feeding metal into the Nibbler when the Nibbler is secured to the bench is very easy.



The Rodman multi-purpose bits.

while the cutter is moving. After making a few cuts while holding the drill and Nibbler, I decided to try a few cuts with the Nibbler mounted to the bench.

An option with the purchase of the Rodman Nibbler is the purchase of a special bench clamp

that is used to hold the Nibbler or the drill. (See photograph 9.) Two bench clamps work best when one is used for the drill and the other is used for the Nibbler. (See photograph 10.) The bench clamps can be adjusted to virtually any position.

With the Nibbler securely mounted to the bench, the metal can be fed into the Nibbler. As you can see in photograph 11, the cutting is easy to control and you can accomplish detailed work with only a little practice. I thought about all kinds of possibilities for a tool like this. Almost any installation that requires a metal

cut out can be done a little faster with the Rodman Nibbler.

Now let's take a look at the Rodman Multi-Purpose bits. (See photograph 12.)

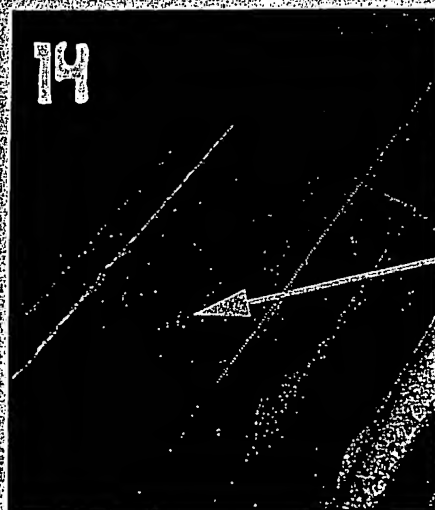
I have seen these bits at shows for years. However, I never had the opportunity to try them out. I really wanted a first hand experience with the bits. The

Rodman multi-purpose bits are designed to drill through almost anything. A partial list of materials include ceramic tile, granite, concrete, cast iron, marble, glass, hardened steel (hard plate) and Plexiglas.

Inside the lid of the box are directions that provide recommended speeds for different materials as well as sharpening instructions. The box I received is the 13-piece set that ranges from 1/8" to 1/2" in 32 thousandths.



A Cobalt and Tungsten Carbide tip attached to a Chrome Vanadium steel shank that can take up to 1900 degrees Fahrenheit.



An attempt at drilling through a file with a regular bit. It barely scratched the surface.

Increments

The bits are made of a Chrome Vanadium Steel shank and a blend of Cobalt and Tungsten Carbide to resist heat. (See photograph 13.) The bonding between the shank and tip is a high-tech bond that will withstand drilling temperatures

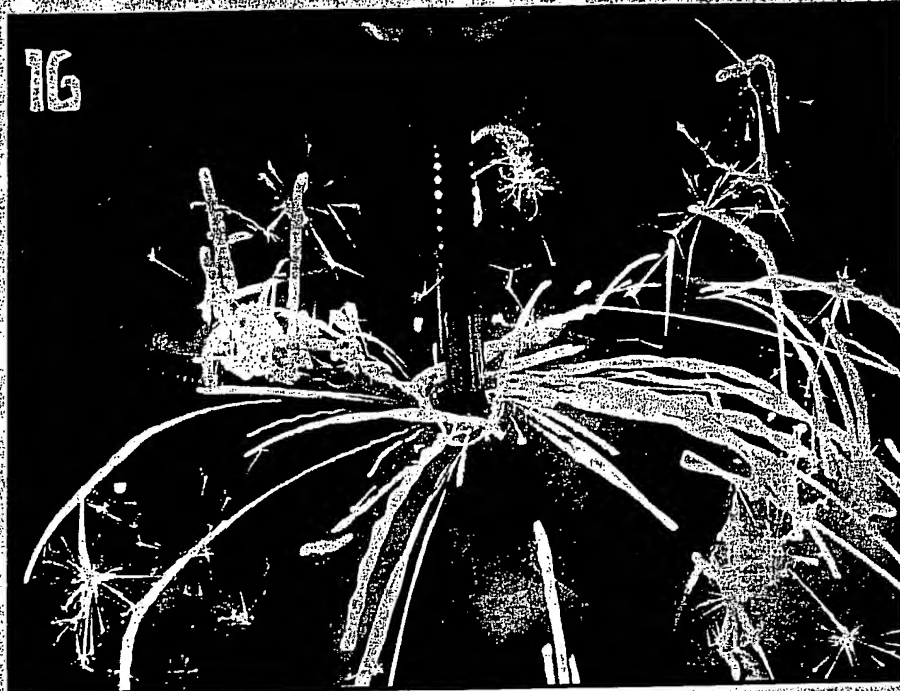
of up to 1900 degrees Fahrenheit. This is important because the bits are designed for a friction cut which can produce a lot of heat. No lubricant is required when the

bit is hot. These things will actually glow when cutting.

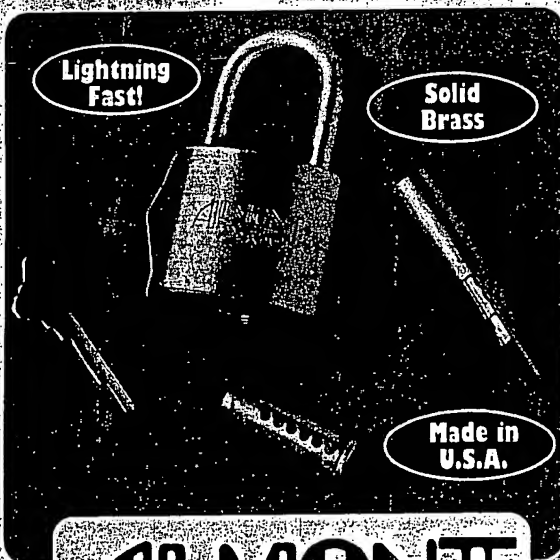
If any of you have tried to drill a hole in a file with a regular drill bit, you know it is pointless. But



The Rodman bit punched through in only a few seconds.



It's a beautiful site to see the Rodman bit in action.



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for the sake of comparison, I had to try it anyway. I grabbed one of my standard 1/8" bits and set my mill press to 860 rpm. As soon as the bit touched the file, the bit not only dulled, the tip flattened. *Photograph 14* shows that the bit only scratched the file.

The next step was to take a Rodman 1/8" bit and set the drill press to 2550 rpm. It worked just as it shows. As soon as the bit touched the file it started

cutting and within about 5 seconds, was through the file. (*See photograph 15.*) I wanted to drill a couple more quick holes with the 1/8" bit but I broke it on the second hole. It was not the fault of the bit. I was pushing a small bit much too hard.

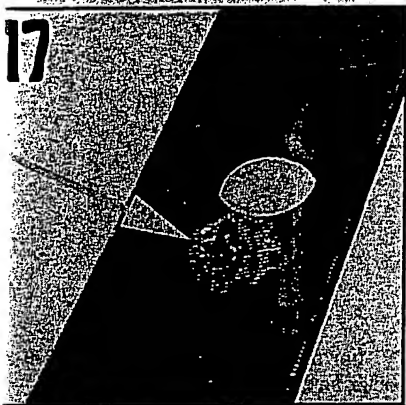
To test another bit, I grabbed an 11/32" and drilled through the first 1/8" hole. I put more than moderate pressure on this bit and was rewarded with a shower of

sparks. (*See photograph 16.*) The bit was doing its job and wasted no time cutting through the file.

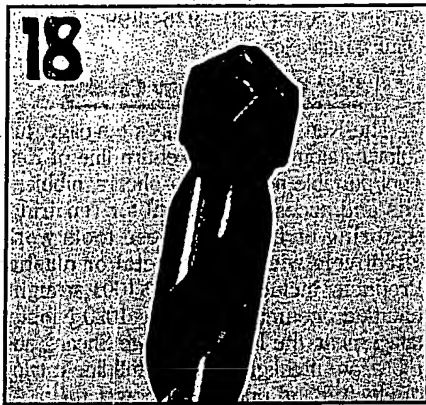
Photograph 17, clearly shows the 11/32" hole in the file. Just below the hole, the arrow is pointing to the remains of the 1/8" bit. Remember, I was pushing way too hard. The bits did the job they were supposed to do. If you look at *photograph 18*, you will see that the 11/32" bit I used shows almost no wear at all.

Good tools save time and time is money. How much money your time is worth depends on how busy you are. If you seldom work on safes or things that need trimming, you probably have plenty of time on your hands. However, if you are very busy or have a busy shop and tend to pay overtime to employees, it wouldn't hurt to give Rodman & Company a call.

You can contact Rodman & Company at 2823 N. San Fernando Blvd., Burbank, California, 91504. Phone: 800-228-1806. Tell them Rich sent you. **RM**



17
The aftermath of the light show is a very clean hole.



18
The bit looks as good as new after cutting through a file.

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